

**Multilayer insulating and heat releasing sheet - contg. silicone rubber,  
boron nitride and reticulate insulator**

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**Patent Family:**

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 59064355	A	19840412	JP 83138392	A	19821006	198421 B
JP 87026906	B	19870611				198727

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**Patent Details:**

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**Abstract (Basic): JP 59064355 A**

The sheet consists of sheet of silicone rubber (1 pt.wt.) and BN (2 pts.wt.) having graphitisation index less than 20 and crystal lattice size more than 5 angstroms and one or more reticulate insulators (e.g. glass fibre sheet or glass fibre cloth having good electrical insulation and tensile strength) on the surface and/or inside of the sheet.

A large amt. of BN can be mixed with silicone rubber without decrease in properties of the rubber so that a sheet having good thermal conductivity and electrical insulation can be produced. It is used in heat-generating electronic components e.g. power transistors.

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Title Terms: MULTILAYER; INSULATE; HEAT; RELEASE; SHEET; CONTAIN; SILICONE;  
RUBBER; BORON; NITRIDE; RETICULATED; INSULATE

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